

**Abstract**

The invention includes a method, system, and device for communicating a data signal on an electric power system. The inventive method includes communicating the data signal to the electric power system, and modifying the characteristics of the electric power system to reduce the data signal communicated to an electrical component located on the electric power system without substantially reducing a voltage signal. The method further includes communicating the data signal to a customer premise. The electrical component may include, for example, an electrical transformer.

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